

ABSTRACT

A radio antenna used to support a microphone for use in a device such as a mobile telephone such that the combining of the two elements save space and
5 reduces the size and weight when compared to standard techniques. A standard speaker serves as earpiece which is attached to the head of the user or held adjacent to the ear of the user using techniques well known in the art. The microphone is physically attached to the antenna by a plastic bracket or by a Jubilee Clip or other similar device such that the microphone is electrically
10 insulated from the antenna. The microphone will move up and down the length of the antenna in order to match a comfortable working position for a user. In this case, the Jubilee clip can be slackened and the microphone can be raised or lowered along the length of the antenna. In an alternative embodiment, an acoustic tube is used to carry sound from the mouth to a microphone positioned
15 within a module which is held in close proximity to the ear of the user. The antenna is sealed within the acoustic tube.